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0706

#7
OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/938,864

DATE: 09/14/2001

TIME: 10:50:21

Input Set : A:\465c5.app.txt

Output Set: N:\CRF3\09142001\I938864.raw

#7 -

3 <110> APPLICANT: Gaiger, Alexander
4 McNeill, Patricia D.
5 Smithgall, Molly
6 Moulton, Gus
7 Vedvick, Thomas S.
8 Sleath, Paul R.
9 Mossman, Sally
10 Evans, Lawrence
11 Spies, A. Gregory
12 Boydston, Jeremy
15 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1
16 SPECIFIC IMMUNOTHERAPY
18 <130> FILE REFERENCE: 210121.465C5
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/938,864
21 <141> CURRENT FILING DATE: 2001-08-24
23 <160> NUMBER OF SEQ ID NOS: 413
25 <170> SOFTWARE: FastSEQ for Windows Version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 17
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapien
32 <400> SEQUENCE: 1
33 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
34 1 5 10 15
35 Gly
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 23
40 <212> TYPE: PRT
41 <213> ORGANISM: Homo sapien
43 <400> SEQUENCE: 2
44 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
45 1 5 10 15
46 Tyr Leu Pro Ser Cys Leu Glu
47 20
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 23
51 <212> TYPE: PRT
52 <213> ORGANISM: Mus musculus
54 <400> SEQUENCE: 3
55 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
56 1 5 10 15
57 Tyr Leu Pro Ser Cys Leu Glu
58 20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 19
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapien

ENTERED

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65 <400> SEQUENCE: 4
66 Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
67 1 5 10 15
68 Trp Thr Glu
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 22
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapien
76 <400> SEQUENCE: 5
77 gagagtcaga cttgaaagca gt 22
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 20
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapien
84 <400> SEQUENCE: 6
85 ctgagcctca gcaaatgggc 20
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 27
89 <212> TYPE: DNA
90 <213> ORGANISM: Homo sapien
92 <400> SEQUENCE: 7
93 gagcatgcat gggctccgac gtgcggg 27
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 25
97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapien
100 <400> SEQUENCE: 8
101 ggggtaccca ctgaacggtc cccga 25
103 <210> SEQ ID NO: 9
104 <211> LENGTH: 18
105 <212> TYPE: DNA
106 <213> ORGANISM: Mus musculus
108 <400> SEQUENCE: 9
109 tccgagccgc acctcatg 18
111 <210> SEQ ID NO: 10
112 <211> LENGTH: 18
113 <212> TYPE: DNA
114 <213> ORGANISM: Mus musculus
116 <400> SEQUENCE: 10
117 gcctgggatg ctggactg 18
119 <210> SEQ ID NO: 11
120 <211> LENGTH: 27
121 <212> TYPE: DNA
122 <213> ORGANISM: Mus musculus
124 <400> SEQUENCE: 11
125 gagcatgcca tgggttccga cgtgcgg 27
127 <210> SEQ ID NO: 12
128 <211> LENGTH: 29
129 <212> TYPE: DNA

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130 <213> ORGANISM: Mus musculus
 132 <400> SEQUENCE: 12
 133 ggggtacctc aaagcgccac gtggagttt
 135 <210> SEQ ID NO: 13
 136 <211> LENGTH: 17
 137 <212> TYPE: PRT
 138 <213> ORGANISM: Mus musculus
 140 <400> SEQUENCE: 13
 141 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
 142 1 5 10 15
 143 Gly
 146 <210> SEQ ID NO: 14
 147 <211> LENGTH: 19
 148 <212> TYPE: PRT
 149 <213> ORGANISM: Mus musculus
 151 <400> SEQUENCE: 14
 152 Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
 153 1 5 10 15
 154 Trp Thr Glu
 157 <210> SEQ ID NO: 15
 158 <211> LENGTH: 15
 159 <212> TYPE: PRT
 160 <213> ORGANISM: Homo sapien
 162 <400> SEQUENCE: 15
 163 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
 164 1 5 10 15
 166 <210> SEQ ID NO: 16
 167 <211> LENGTH: 15
 168 <212> TYPE: PRT
 169 <213> ORGANISM: Mus musculus
 171 <400> SEQUENCE: 16
 172 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
 173 1 5 10 15
 175 <210> SEQ ID NO: 17
 176 <211> LENGTH: 14
 177 <212> TYPE: PRT
 178 <213> ORGANISM: Mus musculus
 180 <400> SEQUENCE: 17
 181 Val Arg Arg Val Ser Gly Val Ala Pro Thr Leu Val Arg Ser
 182 1 5 10
 184 <210> SEQ ID NO: 18
 185 <211> LENGTH: 14
 186 <212> TYPE: PRT
 187 <213> ORGANISM: Homo sapien
 189 <400> SEQUENCE: 18
 190 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
 191 1 5 10
 193 <210> SEQ ID NO: 19
 194 <211> LENGTH: 15

29

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```

195 <212> TYPE: PRT
196 <213> ORGANISM: Homo sapien
198 <400> SEQUENCE: 19
199   Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
200     1           5           10           15
202 <210> SEQ ID NO: 20
203 <211> LENGTH: 15
204 <212> TYPE: PRT
205 <213> ORGANISM: Mus musculus
207 <400> SEQUENCE: 20
208   Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
209     1           5           10           15
211 <210> SEQ ID NO: 21
212 <211> LENGTH: 21
213 <212> TYPE: DNA
214 <213> ORGANISM: Mus musculus
216 <400> SEQUENCE: 21
217   cccaggctgc aataagagat a                                     21
219 <210> SEQ ID NO: 22
220 <211> LENGTH: 21
221 <212> TYPE: DNA
222 <213> ORGANISM: Mus musculus
224 <400> SEQUENCE: 22
225   atgttgtgat ggcggaccaa t                                     21
227 <210> SEQ ID NO: 23
228 <211> LENGTH: 20
229 <212> TYPE: DNA
230 <213> ORGANISM: Homo sapien
232 <400> SEQUENCE: 23
233   gtggggcgcc ccaggcacca                                     20
235 <210> SEQ ID NO: 24
236 <211> LENGTH: 24
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapien
240 <400> SEQUENCE: 24
241   gtccttaatg ctacgcacga tttc                                     24
243 <210> SEQ ID NO: 25
244 <211> LENGTH: 21
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapien
248 <400> SEQUENCE: 25
249   ggcattctgag accagtgaga a                                     21
251 <210> SEQ ID NO: 26
252 <211> LENGTH: 21
253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapien
256 <400> SEQUENCE: 26
257   gctgtcccac ttacagatgc a                                     21
259 <210> SEQ ID NO: 27

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260 <211> LENGTH: 21
 261 <212> TYPE: DNA
 262 <213> ORGANISM: Homo sapien
 264 <400> SEQUENCE: 27
 265 tcaaagcgcc agctggagtt t
 267 <210> SEQ ID NO: 28
 268 <211> LENGTH: 9
 269 <212> TYPE: PRT
 270 <213> ORGANISM: Homo sapien
 272 <400> SEQUENCE: 28
 273 Ala Ala Gly Ser Ser Ser Ser Val Lys
 274 1 5
 276 <210> SEQ ID NO: 29
 277 <211> LENGTH: 9
 278 <212> TYPE: PRT
 279 <213> ORGANISM: Homo sapien
 281 <400> SEQUENCE: 29
 282 Ala Ala Gln Phe Pro Asn His Ser Phe
 283 1 5
 285 <210> SEQ ID NO: 30
 286 <211> LENGTH: 9
 287 <212> TYPE: PRT
 288 <213> ORGANISM: Homo sapien
 290 <400> SEQUENCE: 30
 291 Ala Glu Pro His Glu Glu Gln Cys Leu
 292 1 5
 294 <210> SEQ ID NO: 31
 295 <211> LENGTH: 9
 296 <212> TYPE: PRT
 297 <213> ORGANISM: Homo sapien
 299 <400> SEQUENCE: 31
 300 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
 301 1 5
 303 <210> SEQ ID NO: 32
 304 <211> LENGTH: 9
 305 <212> TYPE: PRT
 306 <213> ORGANISM: Homo sapien
 308 <400> SEQUENCE: 32
 309 Ala Gly Ser Ser Ser Ser Val Lys Trp
 310 1 5
 312 <210> SEQ ID NO: 33
 313 <211> LENGTH: 9
 314 <212> TYPE: PRT
 315 <213> ORGANISM: Homo sapien
 317 <400> SEQUENCE: 33
 318 Ala Ile Arg Asn Gln Gly Tyr Ser Thr
 319 1 5
 321 <210> SEQ ID NO: 34
 322 <211> LENGTH: 9

21

Use of n and / or Xaa has been detected in the
 Sequence Listing. Review the Sequence Listing
 to ensure a corresponding explanation is present
 in the <220> to <223> fields of each sequence
 using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\465c5.app.txt

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L:20 M:270 C: Current Application Number differs, Wrong Format

L:5110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406

L:5120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406

L:5130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406